

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
 Data File : PS031311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 11:59
 Operator : AR\AJ
 Sample : Q2709-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211935-295MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:40:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
4) S	2,4-DCAA	7.310	7.763	909.4E6	206.9E6	312.127	247.746
Target Compounds							
1) T	Dalapon	2.676	2.697	483.0E6	981.8E6	100.120m	399.731m#
2) T	3,5-DICHL...	6.473	6.711	910.1E6	254.9E6	213.499m	197.223m
3) T	4-Nitroph...	7.112	7.305	244.0E6	315.6E6	239.600	244.512
5) T	DICAMBA	7.497	7.960	3064.5E6	1240.4E6	237.179	228.819m
6) T	MCPD	7.675	8.057	109.2E6	20019111	13.579	11.711
7) T	MCPA	7.824	8.304	256.8E6	50693812	26.271	19.543 #
8) T	DICHLORPROP	8.207	8.681	657.6E6	277.5E6	216.309	213.448
9) T	2,4-D	8.440	9.021	774.4E6	362.2E6	298.593	259.529
10) T	Pentachlo...	8.738	9.533	7531.3E6	5152.1E6	165.599	153.810
11) T	2,4,5-TP ...	9.320	9.919	2884.7E6	2145.1E6	173.135	168.870
12) T	2,4,5-T	9.615	10.349	2353.6E6	2050.0E6	176.950	175.744
13) T	2,4-DB	10.193	10.918	242.7E6	153.0E6	138.882m	158.453m
14) T	DINOSEB	11.398	11.298	492.3E6	287.5E6	42.949	30.781 #
15) T	Picloram	11.220	12.416	2873.1E6	4318.8E6	245.358	252.636
16) T	DCPA	11.695	12.340	5595.1E6	5485.9E6	269.826m	294.123m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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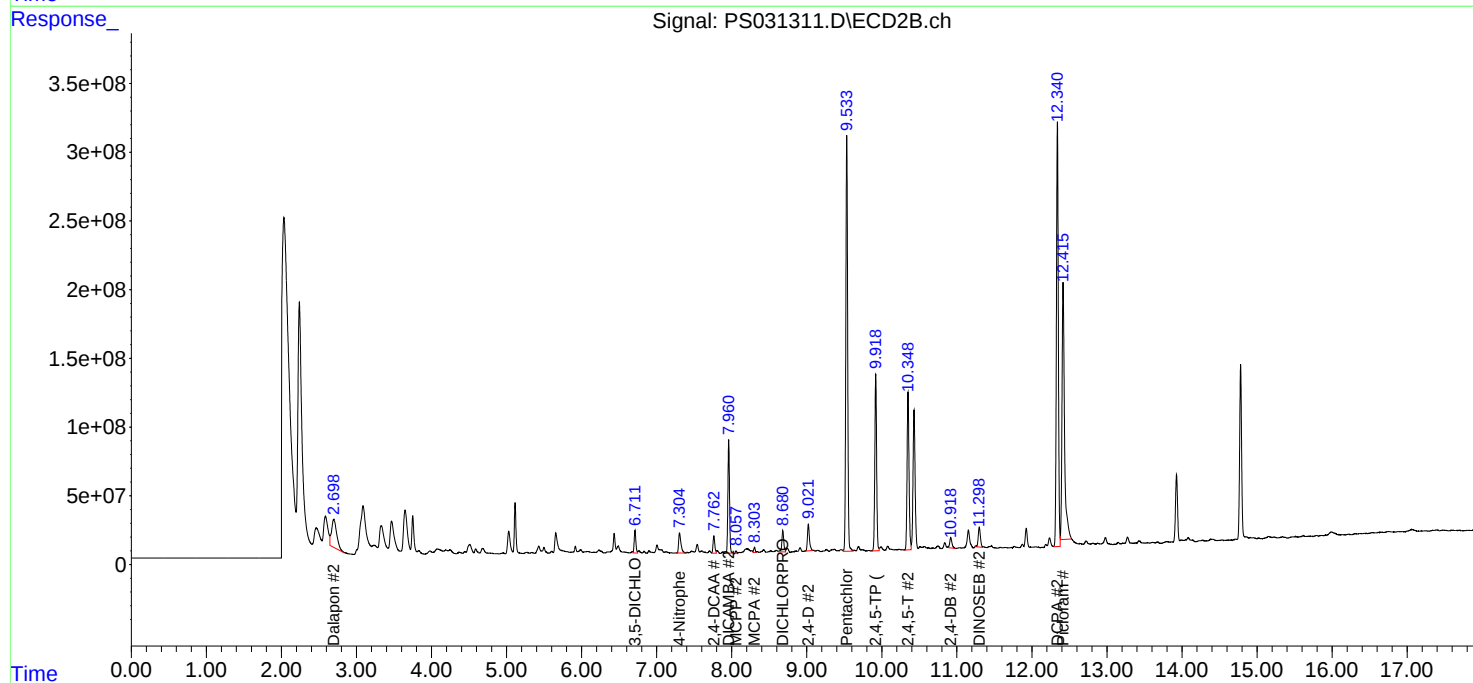
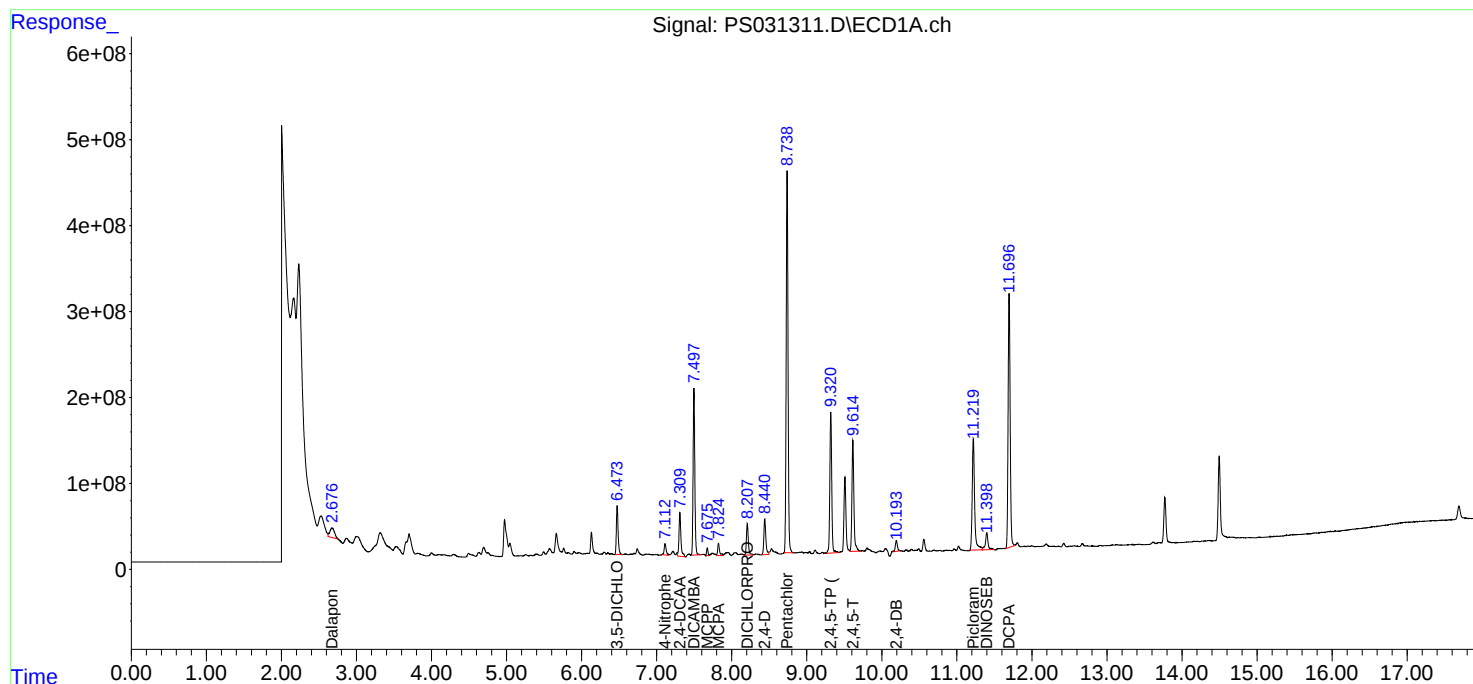
Instrument :
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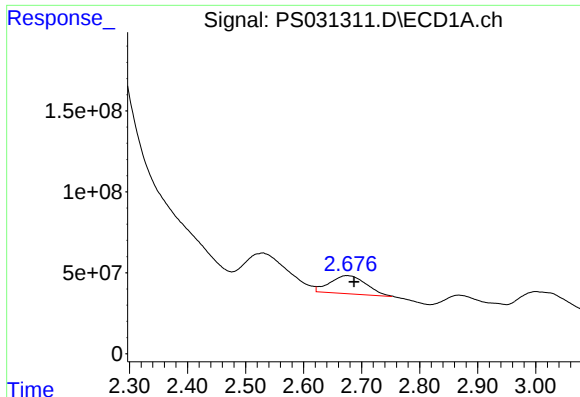
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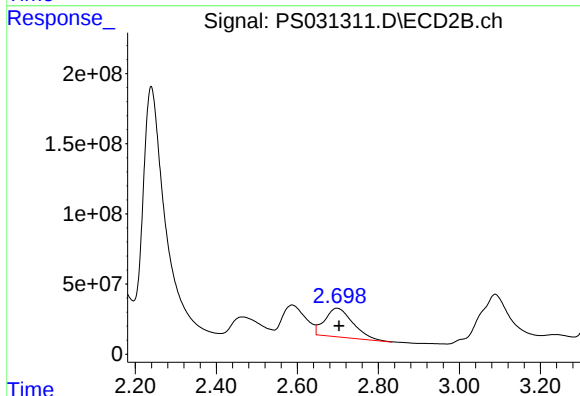
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: -0.011 min
Response: 483033707
Conc: 100.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211935-295MS

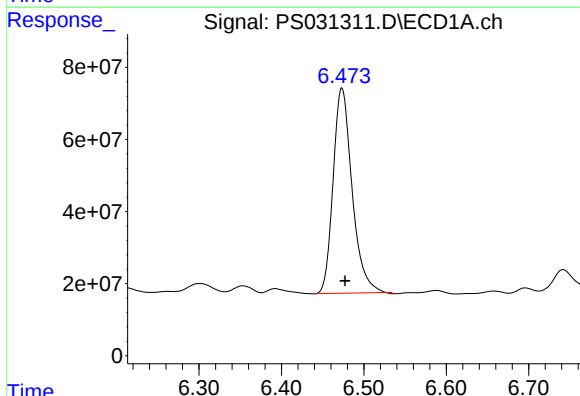
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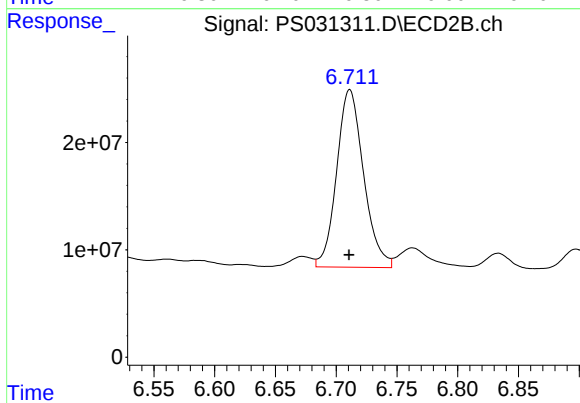
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: -0.006 min
Response: 981812263
Conc: 399.73 ng/ml m



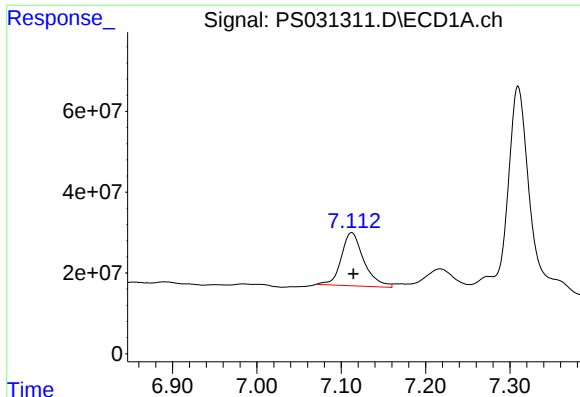
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 910133314
Conc: 213.50 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 254865982
Conc: 197.22 ng/ml m



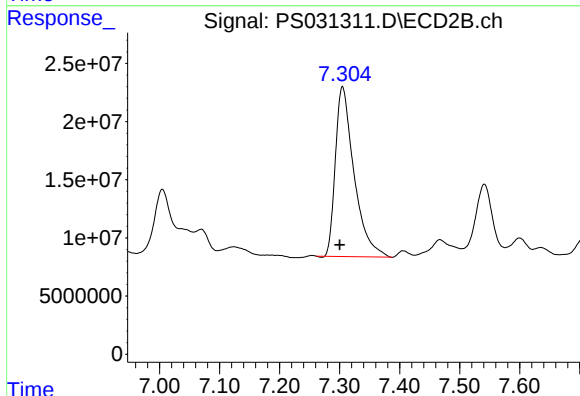
#3 4-Nitrophenol

R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 243960810
Conc: 239.60 ng/ml

Instrument :
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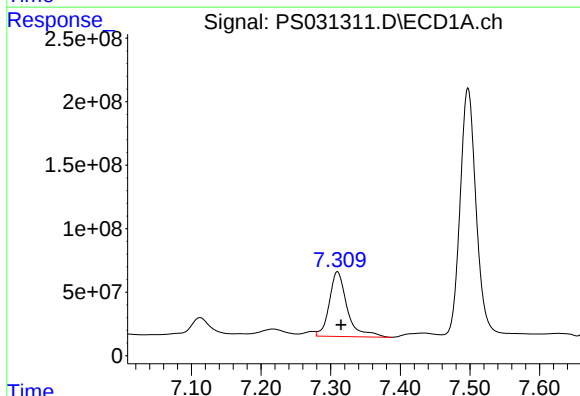
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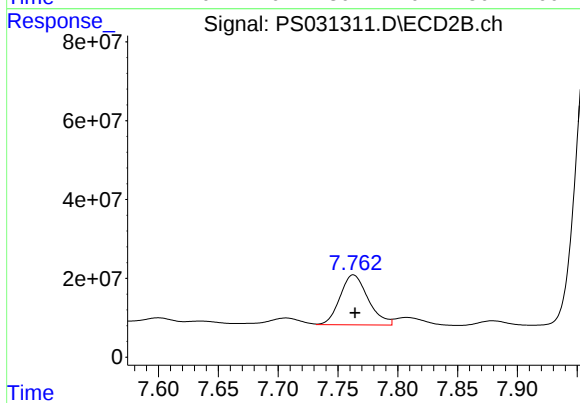
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.005 min
Response: 315643604
Conc: 244.51 ng/ml



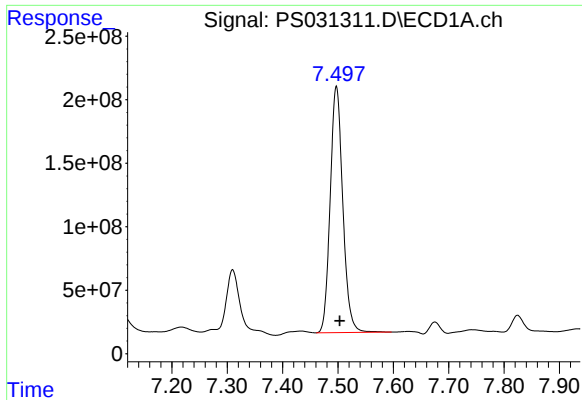
#4 2,4-DCAA

R.T.: 7.310 min
Delta R.T.: -0.005 min
Response: 909351750
Conc: 312.13 ng/ml



#4 2,4-DCAA

R.T.: 7.763 min
Delta R.T.: -0.001 min
Response: 206888054
Conc: 247.75 ng/ml



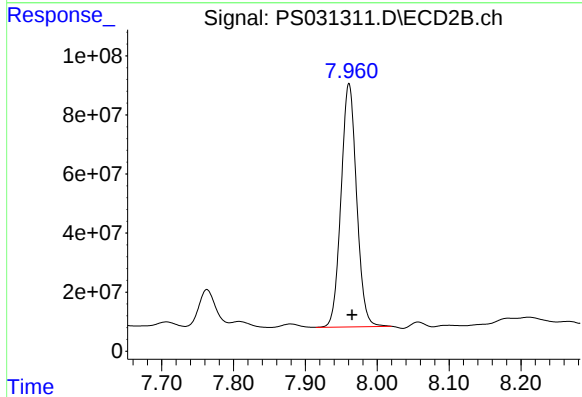
#5 DICAMBA

R.T.: 7.497 min
Delta R.T.: -0.006 min
Response: 3064497280
Conc: 237.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211935-295MS

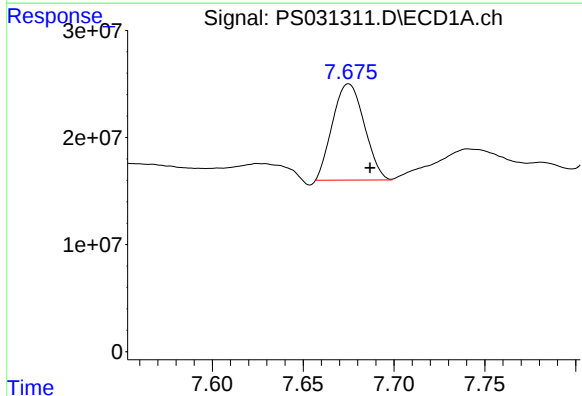
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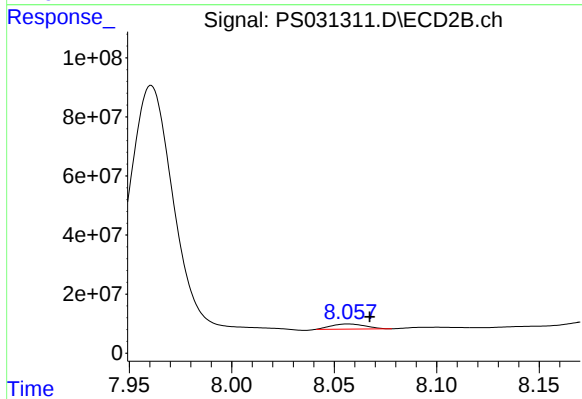
#5 DICAMBA

R.T.: 7.960 min
Delta R.T.: -0.004 min
Response: 1240391333
Conc: 228.82 ng/ml m



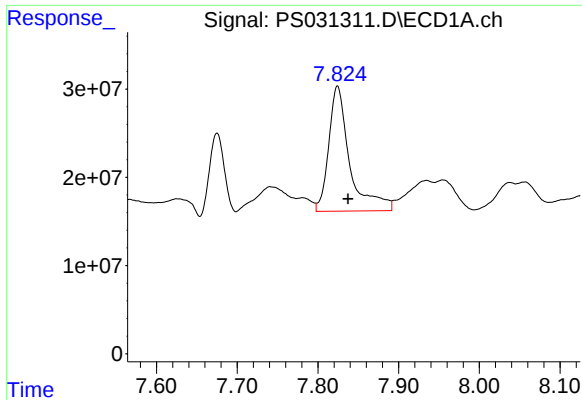
#6 MCPP

R.T.: 7.675 min
Delta R.T.: -0.012 min
Response: 109208933
Conc: 13.58 ug/ml



#6 MCPP

R.T.: 8.057 min
Delta R.T.: -0.010 min
Response: 20019111
Conc: 11.71 ug/ml



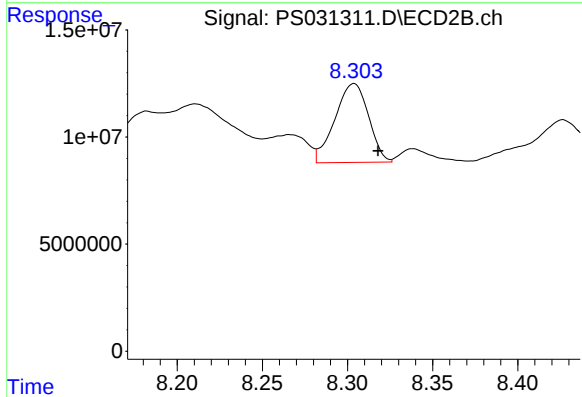
#7 MCPA

R.T.: 7.824 min
Delta R.T.: -0.013 min
Response: 256820849
Conc: 26.27 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211935-295MS

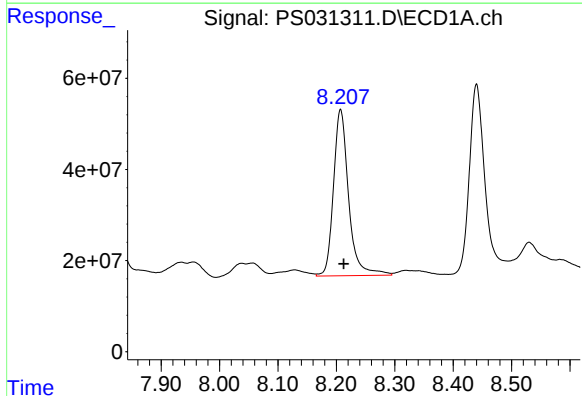
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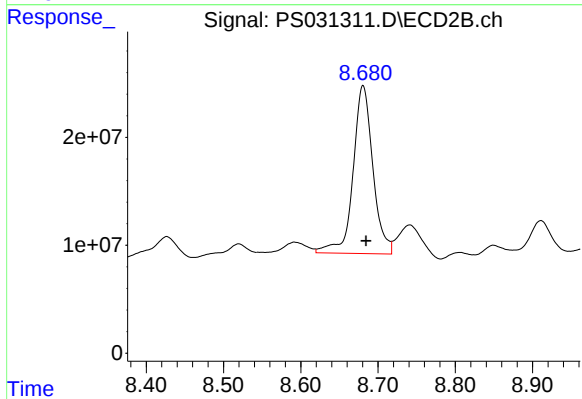
#7 MCPA

R.T.: 8.304 min
Delta R.T.: -0.015 min
Response: 50693812
Conc: 19.54 ug/ml



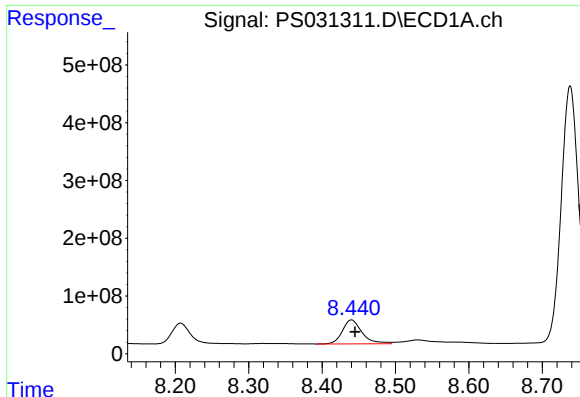
#8 DICHLORPROP

R.T.: 8.207 min
Delta R.T.: -0.006 min
Response: 657582283
Conc: 216.31 ng/ml



#8 DICHLORPROP

R.T.: 8.681 min
Delta R.T.: -0.004 min
Response: 277494922
Conc: 213.45 ng/ml



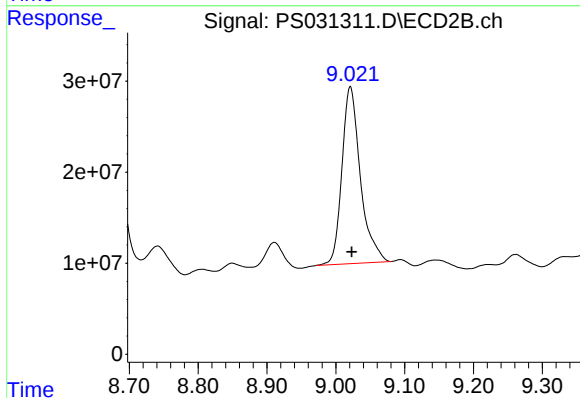
#9 2,4-D

R.T.: 8.440 min
Delta R.T.: -0.005 min
Response: 774352027
Conc: 298.59 ng/ml

Instrument :
ECD_S
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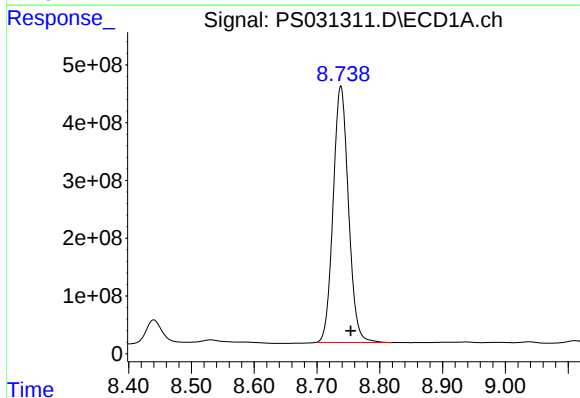
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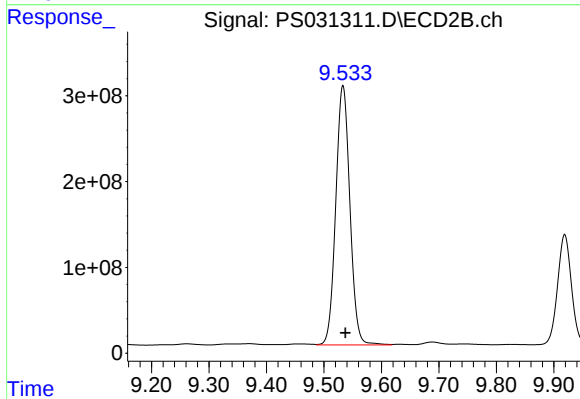
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 362179994
Conc: 259.53 ng/ml



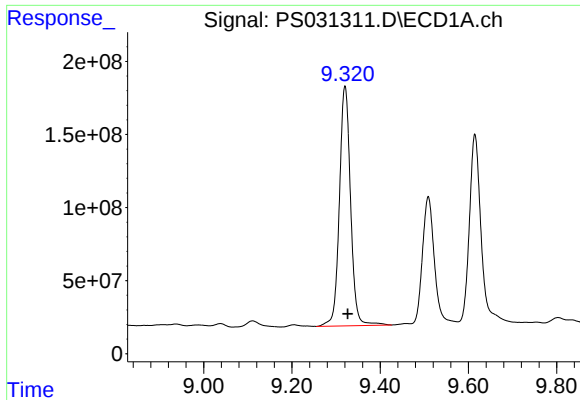
#10 Pentachlorophenol

R.T.: 8.738 min
Delta R.T.: -0.016 min
Response: 7531256804
Conc: 165.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.533 min
Delta R.T.: -0.004 min
Response: 5152084599
Conc: 153.81 ng/ml



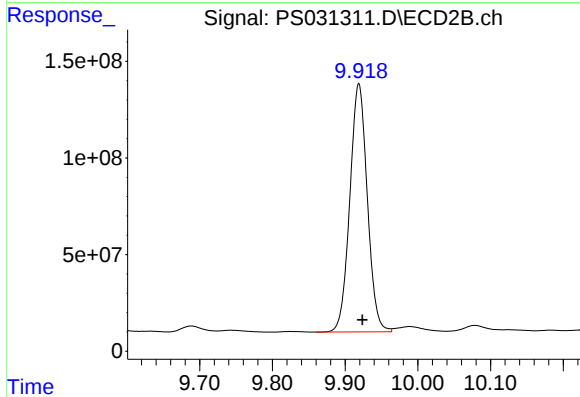
#11 2,4,5-TP (SILVEX)

R.T.: 9.320 min
Delta R.T.: -0.006 min
Response: 2884651211
Conc: 173.14 ng/ml

Instrument :
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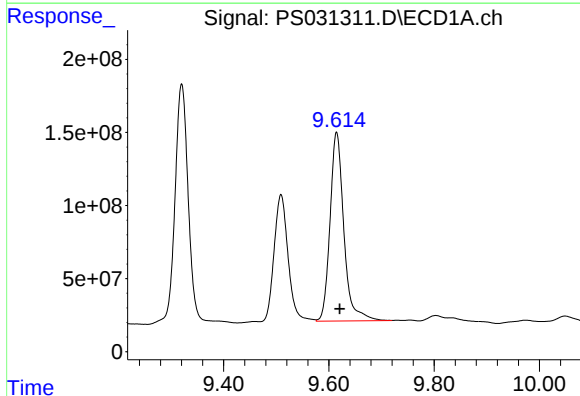
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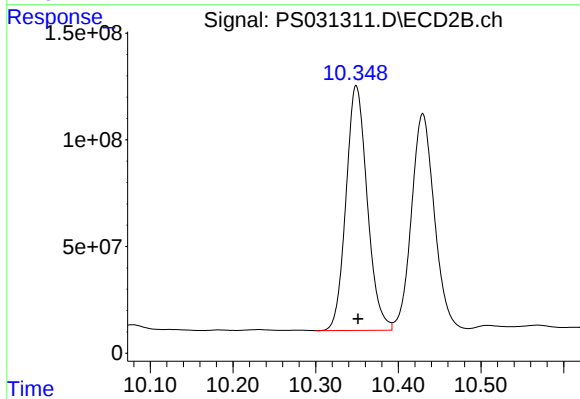
#11 2,4,5-TP (SILVEX)

R.T.: 9.919 min
Delta R.T.: -0.005 min
Response: 2145115721
Conc: 168.87 ng/ml



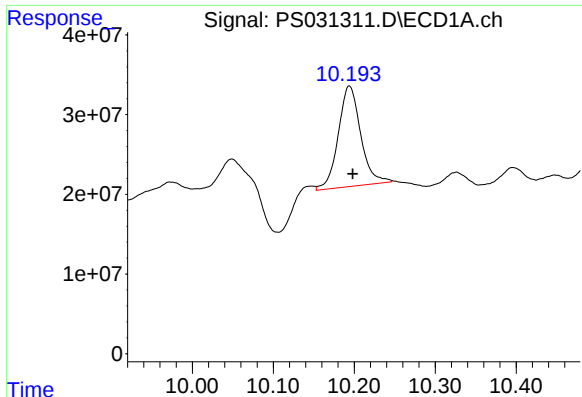
#12 2,4,5-T

R.T.: 9.615 min
Delta R.T.: -0.006 min
Response: 2353566366
Conc: 176.95 ng/ml



#12 2,4,5-T

R.T.: 10.349 min
Delta R.T.: -0.002 min
Response: 2049999614
Conc: 175.74 ng/ml



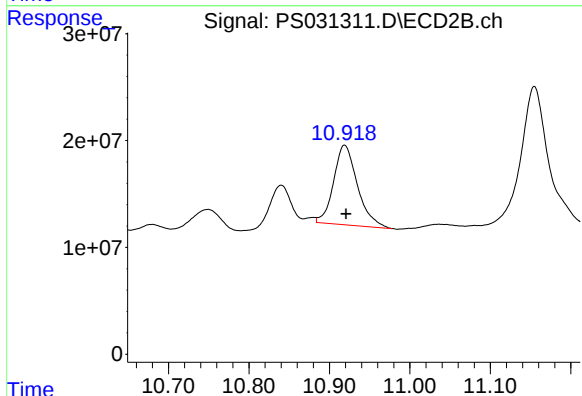
#13 2,4-DB

R.T.: 10.193 min
Delta R.T.: -0.005 min
Response: 242661728
Conc: 138.88 ng/ml

Instrument :
ECD_S
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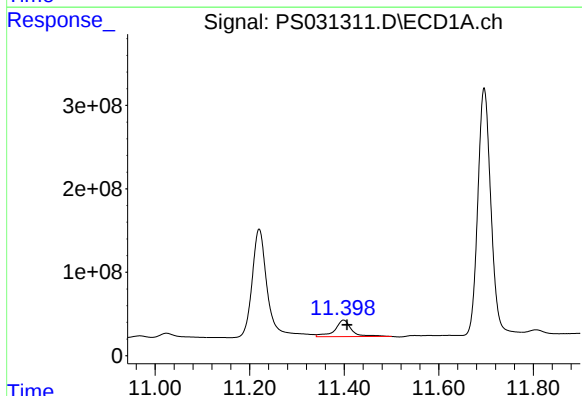
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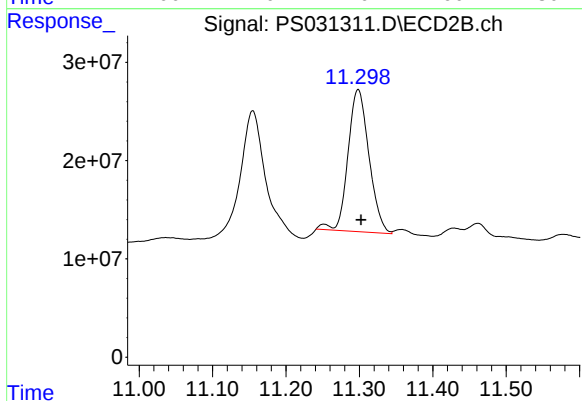
#13 2,4-DB

R.T.: 10.918 min
Delta R.T.: -0.002 min
Response: 153042273
Conc: 158.45 ng/ml m



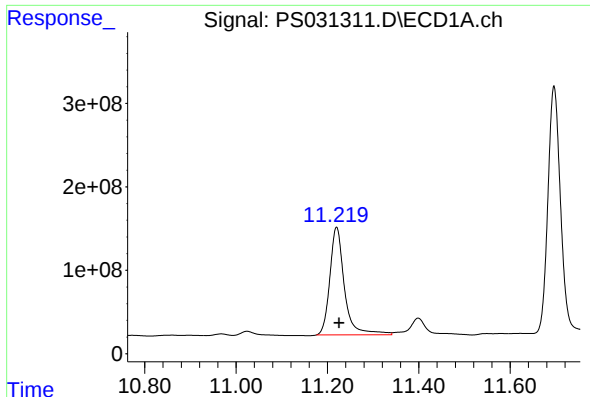
#14 DINOSEB

R.T.: 11.398 min
Delta R.T.: -0.008 min
Response: 492348518
Conc: 42.95 ng/ml



#14 DINOSEB

R.T.: 11.298 min
Delta R.T.: -0.004 min
Response: 287487910
Conc: 30.78 ng/ml



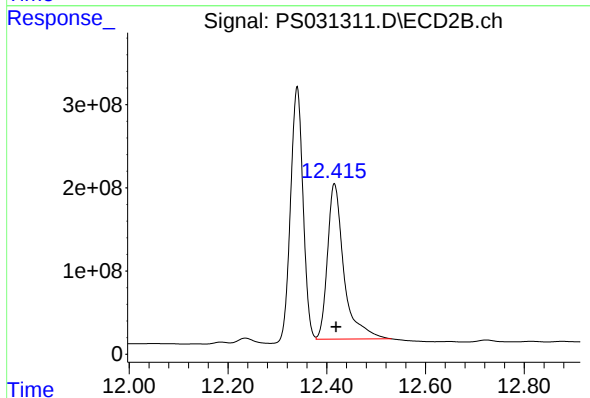
#15 Picloram

R.T.: 11.220 min
Delta R.T.: -0.005 min
Response: 2873054867
Conc: 245.36 ng/ml

Instrument :
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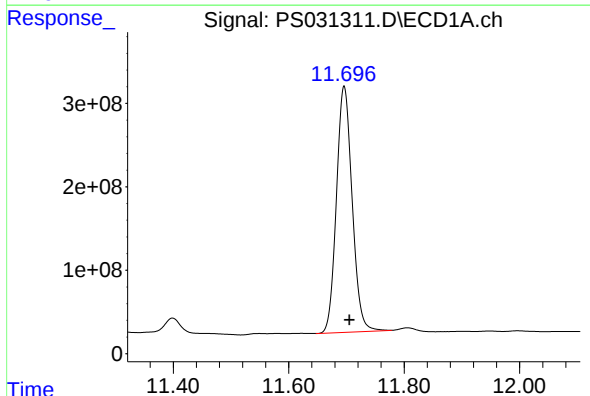
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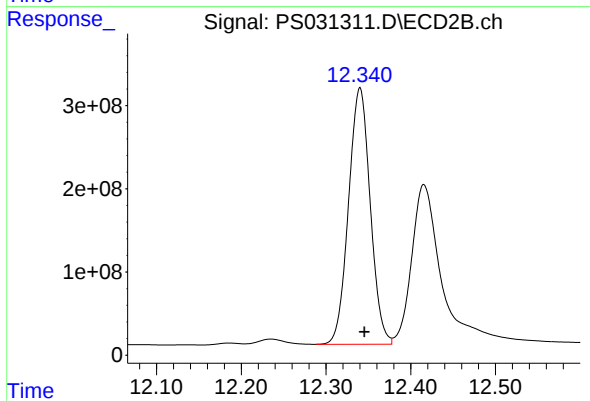
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.003 min
Response: 4318796257
Conc: 252.64 ng/ml



#16 DCPA

R.T.: 11.695 min
Delta R.T.: -0.010 min
Response: 5595142274
Conc: 269.83 ng/ml m



#16 DCPA

R.T.: 12.340 min
Delta R.T.: -0.006 min
Response: 5485915252
Conc: 294.12 ng/ml m